AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

Claim 1 (Currently Amended): A process for preparing a fluorine containing copolymer by an emulsion polymerization method in the presence of a pH modifier wherein the pH modifier is aqueous ammonia and wherein a coagulating agent comprising a cationic surfactant and a water soluble organic solvent is used in the preparation of the fluorine containing copolymer by coagulating a fluorine containing copolymer in a fluorine containing copolymer dispersed aqueous solution prepared by the emulsion polymerization method, the said cationic surfactant represented by the following formula:

$$(R_4N^+)X^-$$

wherein R is any one of an alkyl group of 1 to 22 carbon atoms, a fluoroalkyl group and a hydrogen atom, four R's may be the same or different, provided that four R's are not hydrogen atoms simultaneously, and X is a halogen atom.

Claims 2-3 (Canceled).

Claim 4 (Previously Presented): The process for preparing a fluorine containing copolymer according to claim 1 wherein the emulsion polymerization is carried out in the presence of an anionic surfactant as an emulsifying agent.

Claim 5 (Withdrawn): A fluorine containing copolymer obtainable by a process as claimed in claim 1 and having a metal element concentration of not more than 1 ppm.

Claim 6 (Withdrawn): A fluorine containing copolymer melt molded article obtainable by melt molding a fluorine containing copolymer as claimed in claim 5.

Claim 7 (Withdrawn): A fluorine containing cross-linking molded article obtainable by cross-linking molding a fluorine containing copolymer as claimed in claim 5.

Claims 8-11 (Canceled).

Claim 12 (Withdrawn): A fluorine containing copolymer obtainable by a process as claimed in claim 4 and having a metal element concentration of not more than 1 ppm.

Claim 13 (Withdrawn-Currently Amended): A fluorine containing copolymer melt molded article obtainable by melt molding a fluorine containing copolymer as claimed in ~~claim 11~~ claim 1.

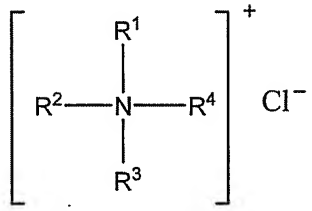
Claim 14 (Withdrawn): A fluorine containing copolymer melt molded article obtainable by melt molding a fluorine containing copolymer as claimed in claim 12.

Claim 15 (Withdrawn-Currently Amended):A fluorine containing cross-linking molded article obtainable by cross-linking molding a fluorine containing copolymer as claimed in ~~claim 11~~ claim 1.

Claim 16 (Withdrawn): A fluorine containing cross-linking molded article obtainable by cross-linking molding a fluorine containing copolymer as claimed in claim 12.

Claim 17 (New): The process for preparing a fluorine containing copolymer according to claim 1, wherein the amount of the cationic surfactant is 0.3 to 40 parts by weight based on 100 parts by weight of the water soluble organic solvent.

Claim 18 (New): The process for preparing a fluorine containing copolymer according to claim 1, wherein the cationic surfactant is an alkyl ammonium chloride represented by the formula [I]:



wherein R^1, R^2, R^3 and R^4 may be the same or different, R^1 is an alkyl group, R^2, R^3 and R^4 are each independently selected from hydrogen, an alkyl group, or an alkyl group substituted with fluorine.

Claim 19 (New): The process for preparing a fluorine containing copolymer according to claim 18, wherein the alkyl ammonium chloride is selected from the group consisting of monoalkyl monomethyl ammonium chlorides, monoalkyl dimethyl ammonium chlorides, monoalkyl trimethyl ammonium chlorides, dialkyl dimethyl ammonium chlorides, trialkyl monomethyl ammonium chlorides, tetra-alkyl ammonium chlorides and perfluoroalkyl ammonium chlorides.

Claim 20 (New): The process for preparing a fluorine containing copolymer according to claim 19, wherein the monoalkyl trimethyl ammonium chloride is selected from the group consisting of lauryl trimethyl ammonium chloride, dodecyl trimethyl ammonium chloride and stearyl trimethyl ammonium chloride.

Claim 21 (New): The process for preparing a fluorine containing copolymer according to claim 19, wherein the dialkyl dimethyl ammonium chloride is distearyl dimethyl ammonium chloride.